

## WHAT IS CLAIMED IS:

1. An image processing apparatus comprising:  
a corrector, arranged to apply, to image data,  
first correction according to a feature amount of an  
5 entire image, and second correction which is different  
from the first correction;  
a processor, arranged to apply an image process  
required to print on a print medium to the image data  
output from said corrector; and  
10 a recorder, arranged to print an image on the  
print medium on the basis of the image data that has  
undergone the image process,  
wherein said corrector acquires the feature  
amount before execution of the first correction and  
15 before execution of the second correction is completed  
for the entire image data.
2. The apparatus according to claim 1, wherein said  
corrector acquires the feature amount from the entire  
image data or partial data.
- 20 3. The apparatus according to claim 1, wherein said  
corrector acquires the feature amount from the entire  
image data or a representative value group of partial  
data.
4. The apparatus according to claim 3, wherein the  
25 representative value group includes at least one of  
pixel values regularly selected from the image data,  
pixel values randomly selected from the image data,

pixel values of reduced-scale image data of the image data, and DC component values of a plurality of pixels of the image data.

5        5.        The apparatus according to claim 1, wherein said corrector acquires the feature amount from data appended to the image data.

6.        The apparatus according to claim 5, wherein the data appended to the image data includes at least one of the feature amount and thumbnail image of the image data.

7.        The apparatus according to claim 1, wherein the feature amount includes at least one of histograms associated with some colors, information associated with some colors that represents a highlight part, information associated with some colors that represents a shadow part, and information associated with hue and saturation in the entire image data or partial data.

8.        An image processing method comprising the steps of:

20        applying, to image data, first correction according to a feature amount of an entire image, and second correction which is different from the first correction;

25        applying an image process required to print on a print medium to the corrected image data;

printing an image on the print medium on the basis of the image data that has undergone the image process; and

acquiring the feature amount before execution of  
5 the first correction and before execution of the second correction is completed for the entire image data.

9. A computer program for an image processing method, the method comprising the steps of:

applying, to image data, first correction  
10 according to a feature amount of an entire image, and second correction which is different from the first correction;

applying an image process required to print on a print medium to the corrected image data;

15 printing an image on the print medium on the basis of the image data that has undergone the image process; and

acquiring the feature amount before execution of the first correction and before execution of the second  
20 correction is completed for the entire image data.

10. A computer program product storing a computer readable medium comprising a computer program code, for an image processing method, the method comprising the steps of:

25 applying, to image data, first correction according to a feature amount of an entire image, and

second correction which is different from the first correction;

applying an image process required to print on a print medium to the corrected image data;

5       printing an image on the print medium on the basis of the image data that has undergone the image process; and

acquiring the feature amount before execution of the first correction and before execution of the second  
10 correction is completed for the entire image data.

11.   A printer comprising:

an interface, arranged to input image data from a memory card; and

a processor, arranged to perform a first process  
15 for performing correction, which is based on the amount of characteristic of an image expressed by the input image data, on the image data, and a second process for performing predetermined processing on the image data,

wherein the amount of the characteristic is  
20 extracted before the first and second processes are performed.